

Release Notes

FortiAnalyzer 7.0.10



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FortiAnalyzer 7.0.10 Release Notes

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Change Log

Date	Change Description
2023-10-26	Initial release.

FortiAnalyzer 7.0.10 Release

This document provides information about FortiAnalyzer version 7.0.10 build 0561.



The recommended minimum screen resolution for the FortiAnalyzer GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

This section includes the following topics:

- [Supported models on page 6](#)
- [FortiAnalyzer VM subscription license on page 6](#)
- [Management extension applications on page 7](#)
- [FortiRecorder on page 8](#)

Supported models

FortiAnalyzer version 7.0.10 supports the following models:

FortiAnalyzer	FAZ-150G, FAZ-200F, FAZ-300F, FAZ-300G, FAZ-400E, FAZ-800F, FAZ-800G, FAZ-1000F, FAZ-2000E, FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, FAZ-3700G, FAZ-3900E
FortiAnalyzer VM	FAZ_DOCKER, FAZ-VM64, FAZ_VM64_ALI, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-GCP, FAZ-VM64-HV (including Hyper-V 2016, 2019), FAZ-VM64-IBM, FAZ-VM64-KVM, FAZ-VM64-OPC, FAZ-VM64-Xen (for both Citrix and Open Source Xen)



FAZ-300F supports the subscription license for the SOC service. However performance may be impacted because FAZ-300F has fewer resources and a smaller CPU than other FortiAnalyzer models that support the SOC service.

FortiAnalyzer VM subscription license

The FortiAnalyzer VM subscription license supports FortiAnalyzer version 6.4.1 and later. For information about supported firmware, see [FortiAnalyzer VM firmware on page 14](#).

See also [Appendix A - Default and maximum number of ADOMs supported on page 48](#).



You can use the FortiAnalyzer VM subscription license with new FAZ-VM installations. For existing FAZ-VM installations, you can migrate to a FortiAnalyzer VM subscription license, starting with FortiAnalyzer 7.0.1. See the [FortiAnalyzer 7.0.1 VM License Migration Guide](#).

Management extension applications

The following section describes supported models and minimum system requirements for management extension applications (MEA) in FortiAnalyzer 7.0.10.



FortiAnalyzer uses port TCP/443 or TCP/4443 to connect to the Fortinet registry and download MEAs. Ensure that the port is also open on any upstream FortiGates. For more information about incoming and outgoing ports, see the [FortiAnalyzer 7.0 Ports Guide](#).

Supported models for MEA

You can use any of the following FortiAnalyzer models as a host for management extension applications:

FortiAnalyzer	FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, FAZ-3700G, FAZ-3900E
FortiAnalyzer VM	FAZ_DOCKER, FAZ-VM64, FAZ_VM64_ALI, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-GCP, FAZ-VM64-HV (including Hyper-V 2016, 2019), FAZ-VM64-IBM, FAZ-VM64-KVM, FAZ-VM64-OPC, FAZ-VM64-Xen (for both Citrix and Open Source Xen)

Minimum system requirements

By default FortiAnalyzer VMs use the following system resource settings:

- 4 vCPU
- 8 GB RAM
- 500 GB disk space

Starting with FortiAnalyzer 7.0.0, RAM and CPU is capped at 50% for MEAs. (Use the `config system docker` command to view the setting.) If FortiAnalyzer has 8 CPUs and 16 GB RAM, then only 4 CPUs and 8 GB RAM are available to MEAs by default, and the 4 CPUs and 8 GB RAM are used for all enabled MEAs.

Some MEAs have minimum system requirements that require you to increase system resources. The following table identifies the minimum requirements for each MEA as well as the recommended system resources to function well in a production environment.

MEA minimum system requirements apply only to the individual MEA and do not take into consideration any system requirements for resource-sensitive FortiAnalyzer features or multiple, enabled MEAs.

Management Extension Application	Minimum system requirements	Recommended system resources for production*
FortiSIEM	<ul style="list-style-type: none"> • 4 vCPU • 4 GB RAM • No change for disk storage 	<ul style="list-style-type: none"> • 12 vCPU • 16 GB RAM • 500 GB
FortiSOAR	<ul style="list-style-type: none"> • 4 vCPU • 8 GB RAM • 500 GB disk storage 	<ul style="list-style-type: none"> • 16 vCPU • 64 GB RAM • No change for disk storage

*The numbers in the *Recommended system resources for production* column are a combination of the default system resource settings for FortiAnalyzer plus the recommended system requirements for the MEA.

FortiRecorder

This section identifies what FortiAnalyzer models support the FortiRecorder module and what FortiCamera models are supported.

Supported models for FortiRecorder

Below is a list of the FortiAnalyzer appliances that support the FortiRecorder module.

Platform	Maximum number of cameras
FAZ-300F	6
FAZ-400E	12
FAZ-800F	16
FAZ-1000F	50
FAZ-2000E	40
FAZ-3000F	50
FAZ-3500G	50
FAZ-3700F	60

Supported cameras

The FortiRecorder module supports the following FortiCamera models:

- FCM-CB20
- FCM-FD20
- FCM-FD20B
- FCM-FD40

- FCM-MB40
- FCM-MD20
- FCM-MD40
- FCM-OB30

Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiAnalyzer version 7.0.10.

Device Manager GUI: quick status bar replaced with a world map of devices

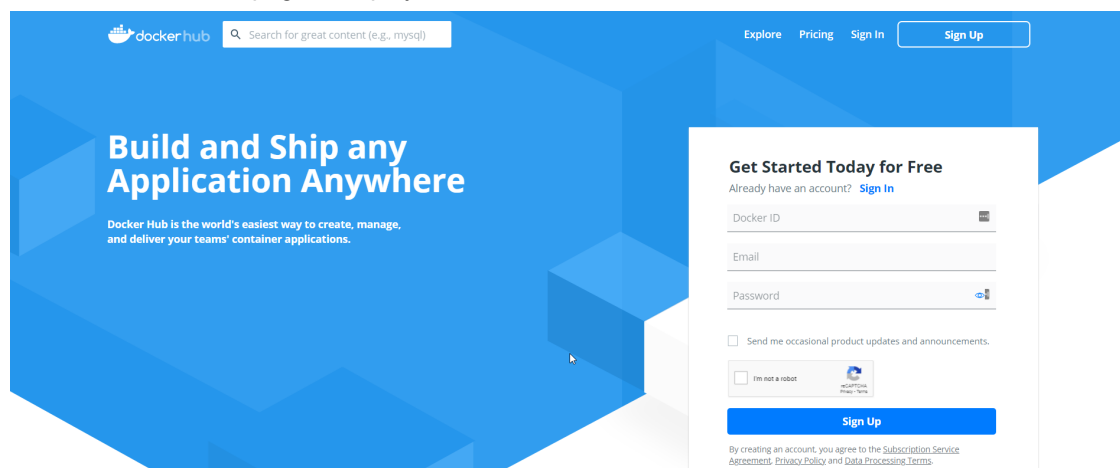
As of FortiAnalyzer v7.0.0, the quick status bar at the top of the *Device Manager* pane in the GUI has been replaced with a world map. This world map displays the locations of the registered devices. For more information about the world map in *Device Manager*, see the [FortiAnalyzer Administration Guide](#).

Fortinet verified publisher docker image

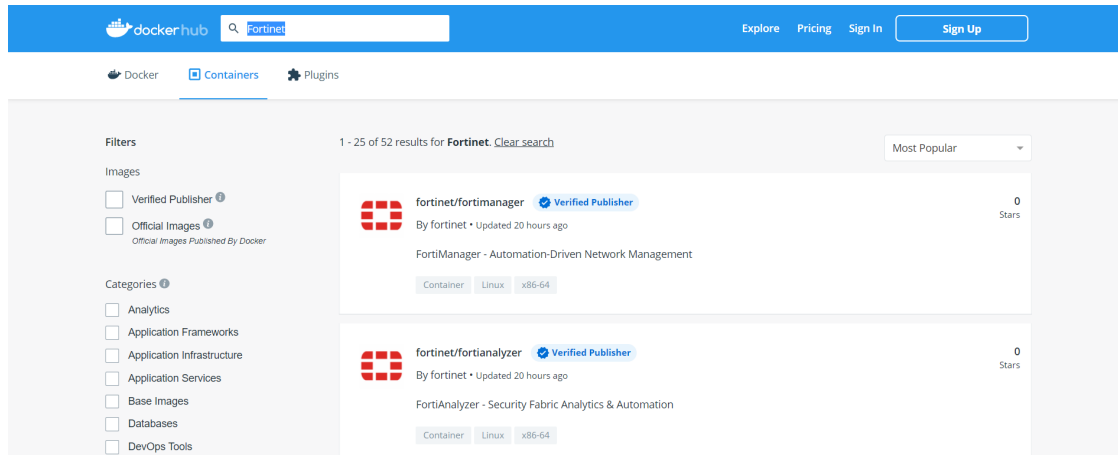
FortiAnalyzer docker images are available for download from Fortinet's Verified Publisher public repository on dockerhub.

To download the FortiAnalyzer image from dockerhub:

1. Go to dockerhub at <https://hub.docker.com/>.
The dockerhub home page is displayed.

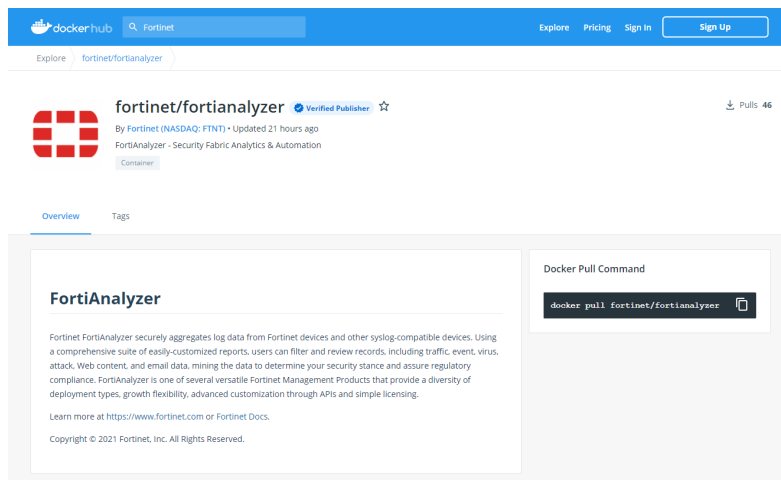


2. In the banner, click *Explore*.
3. In the search box, type *Fortinet*, and press *Enter*.
The *fortinet/fortimanager* and *fortinet/fortianalyzer* options are displayed.



4. Click *fortinet/fortianalyzer*.

The *fortinet/fortianalyzer* page is displayed, and two tabs are available: *Overview* and *Tags*. The *Overview* tab is selected by default.



5. On the *Overview* tab, copy the docker pull command, and use it to download the image.

The CLI command from the *Overview* tab points to the latest available image. Use the *Tags* tab to access different versions when available.

Hyperscale firewall mode

FortiAnalyzer does not support logs from the following models when they have hyperscale firewall mode and netflow enabled:

- FortiGate-1800F
- FortiGate-1801F
- FortiGate-2600F
- FortiGate-2601F
- FortiGate-4200F
- FortiGate-4201F

- FortiGate-4400F
- FortiGate-4401F

FortiAnalyzer only supports logs when the normal firewall mode with standard FortiGate logging are enabled.

Modifying the interface status with the CLI

Starting in version 7.0.1, the CLI to modify the interface status has been changed from `up/down` to `enable/disable`.

For example:

```
config system interface
  edit port2
    set status <enable/disable>
  next
end
```

Citrix XenServer default limits and upgrade

Citrix XenServer limits ramdisk to 128M by default. However the FAZ-VM64-XEN image is larger than 128M. Before updating to FortiAnalyzer 6.4, increase the size of the ramdisk setting on Citrix XenServer.

To increase the size of the ramdisk setting:

1. On Citrix XenServer, run the following command:

```
xenstore-write /mh/limits/pv-ramdisk-max-size 536,870,912
```
2. Confirm the setting is in effect by running `xenstore-ls`.

```
limits = ""
pv-kernel-max-size = "33554432"
pv-ramdisk-max-size = "536,870,912"
boot-time = ""
```

3. Remove the pending files left in `/run/xen/pygrub`.



The ramdisk setting returns to the default value after rebooting.

FortiAnalyzer VM upgrade requires more memory

When upgrading FortiAnalyzer VM units from FortiAnalyzer 6.2.x to FortiAnalyzer 6.4.0 and later, the upgrade may fail because of memory allocation.

Workaround: Before upgrading FortiAnalyzer VM to FortiAnalyzer 6.4.0 and later, change the memory allocation to 8 GB of RAM.

Maximum ADOM limits for FortiAnalyzer

FortiAnalyzer hardware devices and VMs display a warning when the maximum number of ADOMs is reached or exceeded. The platform does not enforce the limit; however, adding more ADOMs may affect the performance of the unit. For more details, see [Appendix A - Default and maximum number of ADOMs supported on page 48](#).

Port 8443 reserved

Port 8443 is reserved for https-logging from FortiClient EMS for Chromebooks. See also [FortiAnalyzer 7.0 Ports Reference](#) on the Docs Library.

Hyper-V FortiAnalyzer-VM running on an AMD CPU

A Hyper-V FAZ-VM running on a PC with an AMD CPU may experience a kernel panic. Fortinet recommends running VMs on an Intel-based PC.

SSLv3 on FortiAnalyzer-VM64-AWS

Due to known vulnerabilities in the SSLv3 protocol, FortiAnalyzer-VM64-AWS only enables TLSv1 by default. All other models enable both TLSv1 and SSLv3. If you wish to disable SSLv3 support, please run:

```
config system global
    set ssl-protocol tlsv1
end
```

Upgrade Information



Prior to upgrading your FortiAnalyzer, please review the FortiAnalyzer Upgrade Guide in detail as it includes all of the necessary steps and associated details required to upgrade your FortiAnalyzer device or VM.

See [FortiAnalyzer 7.0.10 Upgrade Guide](#).

You can upgrade to the latest FortiAnalyzer 6.4 version, and then to 7.0.10.

This section contains the following topics:

- [Downgrading to previous firmware versions on page 14](#)
- [Firmware image checksums on page 14](#)
- [FortiAnalyzer VM firmware on page 14](#)
- [SNMP MIB files on page 16](#)

Downgrading to previous firmware versions

FortiAnalyzer does not provide a full downgrade path. You can downgrade to a previous firmware release by using the GUI or CLI, but doing so results in configuration loss. A system reset is required after the firmware downgrade process has completed. To reset the system, use the following CLI commands via a console port connection:

```
execute reset {all-settings | all-except-ip}  
execute format {disk | disk-ext4 | disk-ext3}
```

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in, go to *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

FortiAnalyzer VM firmware

Fortinet provides FortiAnalyzer VM firmware images for Amazon AWS, Citrix and Open Source XenServer, Linux KVM, Microsoft Hyper-V Server, and VMware ESX/ESXi virtualization environments.

Amazon Web Services

- The 64-bit Amazon Machine Image (AMI) is available on the AWS marketplace.

Citrix XenServer and Open Source XenServer

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the QCOW2 file for the Open Source Xen Server.
- `.out.CitrixXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the Citrix XenServer Virtual Appliance (XVA), Virtual Hard Disk (VHD), and OVF files.

Google Cloud Platform

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.gcp.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains QCOW2 that can be used by qemu.

Microsoft Azure

The files for Microsoft Azure have AZURE in the filenames, for example `<product>_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.

Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `<product>_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.hyperv.zip`: Download the package for a new FortiAnalyzer VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Hyper-V Server.



Microsoft Hyper-V 2016 is supported.

Oracle Private Cloud

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.opc.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

VMware ESX/ESXi

- `.out`: Download the 64-bit firmware image to upgrade your existing VM installation.
- `.ovf.zip`: Download either the 64-bit package for a new VM installation. This package contains an Open Virtualization Format (OVF) file for VMware and two Virtual Machine Disk Format (VMDK) files used by the OVF file during deployment.



For more information, see the [FortiAnalyzer Data Sheet](#) available on the Fortinet web site. VM installation guides are available in the [Fortinet Document Library](#).

SNMP MIB files

You can download the *FORTINET-FORTIMANAGER-FORTIANALYZER.mib* MIB file in the firmware image file folder. The Fortinet Core MIB file is located in the main FortiAnalyzer version 5.00 file folder.

Product Integration and Support

This section lists FortiAnalyzer 7.0.10 support of other Fortinet products. It also identifies what FortiAnalyzer features are supported for managed platforms and what languages FortiAnalyzer supports. It also lists which Fortinet models can be managed by FortiAnalyzer.

The section contains the following topics:

- [Supported software on page 17](#)
- [Feature support on page 22](#)
- [Language support on page 23](#)
- [Supported models on page 23](#)

Supported software

FortiAnalyzer 7.0.10 supports the following software:

- [Web browsers on page 18](#)
- [FortiOS and FortiOS Carrier on page 18](#)
- [FortiADC on page 18](#)
- [FortiNDR and FortiAI on page 18](#)
- [FortiAnalyzer on page 19](#)
- [FortiAuthenticator on page 19](#)
- [FortiCache on page 19](#)
- [FortiClient on page 19](#)
- [FortiDDoS on page 19](#)
- [FortiDeceptor on page 20](#)
- [FortiFirewall and FortiFirewallCarrier on page 20](#)
- [FortiMail on page 20](#)
- [FortiManager on page 20](#)
- [FortiNAC on page 20](#)
- [FortiProxy on page 20](#)
- [FortiSandbox on page 21](#)
- [FortiSOAR on page 21](#)
- [FortiSwitch ATCA on page 21](#)
- [FortiWeb on page 21](#)
- [Virtualization on page 21](#)



To confirm that a device model or firmware version is supported by the current firmware version running on FortiAnalyzer, run the following CLI command:

```
diagnose dvm supported-platforms list
```



Always review the Release Notes of the supported platform firmware version before upgrading your device.

Web browsers

FortiAnalyzer 7.0.10 supports the following web browsers:

- Microsoft Edge 114
- Mozilla Firefox version 101
- Google Chrome version 114

Other web browsers may function correctly, but are not supported by Fortinet.

FortiOS and FortiOS Carrier



The *FortiAnalyzer Release Notes* communicate support for FortiOS versions that are available at the time of the FortiAnalyzer 7.0.10 release. For additional information about other supported FortiOS versions, please refer to the FortiAnalyzer compatibility chart in the [Fortinet Document Library](#).

See [FortiAnalyzer compatibility with FortiOS](#).

FortiAnalyzer 7.0.10 supports the following versions of FortiOS and FortiOS Carrier:

- 7.0.0 to 7.0.13
- 6.4.0 to 6.4.14
- 6.2.0 to 6.2.15
- 6.0.0 to 6.0.17
- 5.6.0 to 5.6.14
- 5.4.0 to 5.4.13

FortiADC

FortiAnalyzer 7.0.10 supports the following versions of FortiADC:

- 7.0.0 and later
- 6.2.0 and later
- 6.1.0 and later

FortiNDR and FortiAI

FortiAnalyzer 7.0.10 supports the following versions of FortiNDR/FortiAI:

- 1.5.0 and later

FortiAnalyzer

FortiAnalyzer 7.0.10 supports the following versions of FortiAnalyzer:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later

FortiAuthenticator

FortiAnalyzer 7.0.10 supports the following versions of FortiAuthenticator:

- 6.4.0 and later
- 6.3.0 and later
- 6.2.0 and later

FortiCache

FortiAnalyzer 7.0.10 supports the following versions of FortiCache:

- 4.2.0 and later
- 4.1.0 and later
- 4.0.0 and later

FortiClient

FortiAnalyzer 7.0.10 supports the following versions of FortiClient:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later
- 6.2.1 and later

When using FortiClient with FortiAnalyzer, it is recommended to upgrade both to their latest versions. The versions between the two products should match. For example, if using FortiAnalyzer 7.0.5, use FortiClient 7.0.5.

FortiDDoS

FortiAnalyzer 7.0.10 supports the following versions of FortiDDoS:

- 6.3.0 and later
- 6.2.0 and later
- 6.1.0 and later

Limited support. For more information, see [Feature support on page 22](#).

FortiDeceptor

FortiAnalyzer 7.0.10 supports the following versions of FortiDeceptor:

- 4.1 and later
- 4.0 and later
- 3.3 and later

FortiFirewall and FortiFirewallCarrier

FortiAnalyzer 7.0.10 supports the following versions of FortiFirewall and FortiFirewallCarrier:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later
- 6.0.0 and later

FortiMail

FortiAnalyzer 7.0.10 supports the following versions of FortiMail:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later

FortiManager

FortiAnalyzer 7.0.10 supports the following versions of FortiManager:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later

FortiNAC

FortiAnalyzer 7.0.10 supports the following versions of FortiNAC:

- 9.2.0 and later
- 9.1.0 and later
- 8.8.0 and later

FortiProxy

FortiAnalyzer 7.0.10 supports the following versions of FortiProxy:

- 7.0.0 to 7.0.8
- 2.0.0 to 2.0.5

- 1.2.0 to 1.2.13
- 1.1.0 to 1.1.6
- 1.0.0 to 1.0.7

FortiSandbox

FortiAnalyzer 7.0.10 supports the following versions of FortiSandbox:

- 4.2.0 and later
- 4.0.0 and later
- 3.2.0 and later
- 3.1.0 and later

FortiSOAR

FortiAnalyzer 7.0.10 supports the following versions of FortiSOAR:

- 7.0.0 and later
- 6.4.0 and later
- 6.0.0 and later

FortiSwitch ATCA

FortiAnalyzer 7.0.10 supports the following versions of FortiSwitch ATCA:

- 5.2.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiWeb

FortiAnalyzer 7.0.10 supports the following versions of FortiWeb:

- 7.0.0 and later
- 6.4.0 and later
- 6.3.0 and later

Virtualization

FortiAnalyzer 7.0.10 supports the following virtualization software:

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Citrix XenServer 7.2
- Google Cloud Platform
- Linux KVM Redhat 7.1
- Microsoft Azure

- Microsoft Hyper-V Server 2012, 2016, and 2019
- Nutanix AHV (AOS 5.10.5)
- OpenSource XenServer 4.2.5
- Oracle Private Cloud
- VMware ESXi versions 6.5 and later

Feature support

The following table lists FortiAnalyzer feature support for log devices.

Platform	Log View	FortiView	Event Management	Reports
FortiGate	✓	✓	✓	✓
FortiCarrier	✓	✓	✓	✓
FortiADC	✓		✓	
FortiAI	✓	✓	✓	✓
FortiAnalyzer	✓		✓	
FortiAuthenticator	✓			
FortiCache	✓		✓	✓
FortiClient registered to FortiGate	✓	✓		✓
FortiClient registered to FortiClient EMS	✓	✓		✓
FortiDDoS	✓	✓	✓	✓
FortiDeceptor	✓			
FortiFirewall	✓	✓	✓	✓
FortiMail	✓		✓	✓
FortiManager	✓		✓	
FortiNAC	✓			
FortiProxy	✓		✓	✓
FortiSandbox	✓		✓	✓
FortiSOAR	✓		✓	✓
FortiWeb	✓		✓	✓
Syslog	✓		✓	✓

Language support

The following table lists FortiAnalyzer language support information.

Language	GUI	Reports
English	✓	✓
Chinese (Simplified)	✓	✓
Chinese (Traditional)	✓	✓
French		✓
Hebrew		✓
Hungarian		✓
Japanese	✓	✓
Korean	✓	✓
Portuguese		✓
Russian		✓
Spanish		✓

To change the FortiAnalyzer language setting, go to *System Settings > Admin > Admin Settings*, in *Administrative Settings > Language* select the desired language on the drop-down menu. The default value is *Auto Detect*.

Russian, Hebrew, and Hungarian are not included in the default report languages. You can create your own language translation files for these languages by exporting a predefined language from FortiAnalyzer, modifying the text to a different language, saving the file as a different language name, and then importing the file into FortiAnalyzer. For more information, see the *FortiAnalyzer Administration Guide*.

Supported models

The following tables list which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch ATCA, FortiWeb, FortiCache, FortiProxy, and FortiAuthenticator models and firmware versions that can be managed by a FortiManager or send logs to a FortiManager running version 7.0.10.



Software license activated LENC devices are supported, if their platforms are in the supported models list. For example, support of FG-3200D indicates support of FG-3200D-LENC.

This section contains the following topics:

- [FortiGate models on page 24](#)
- [FortiGate special branch models on page 29](#)
- [FortiCarrier models on page 35](#)
- [FortiADC models on page 38](#)

- [FortiNDR models on page 38](#)
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- [FortiWeb models on page 43](#)

FortiGate models

The following FortiGate models are released with FortiOS firmware. For information about supported FortiGate models on special branch releases of FortiOS firmware, see [FortiGate special branch models on page 29](#).

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60EDSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-400F, FortiGate-401E, FortiGate-401F, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1	7.0

Model	Firmware Version
FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3001F-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiGate ACDC: FortiGate-2201E-ACDC, FortiGate-3960E-ACDC FortiWiFi: FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi-60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi-61E, FortiWiFi-61F, FortiWiFi-80F-2R, FortiWiFi-81F-2R, FortiWiFi-81F-2R-3G4G-POE, FortiWiFi-81F-2R-POE FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen, FortiGate-VMX, FortiGate-VMX-Service-Manager, FortiGate-ARM64-AWS, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiOS VM: FortiOS-VM64, FortiOS-VM64-HV, FortiOS-VM64-KVM, FortiOS-VM64-Xen FortiGateRugged: FortiGateRugged-60F, FortiGateRugged-60F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-81E, FortiGate-80F-POE, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiGate ACDC: FortiGate-2201E-ACDC, FortiGate-3960E-ACDC FortiGate Hardware Low Encryption: FortiGate-100D-LENC	6.4

Model	Firmware Version
FortiWiFi: FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi-60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi-61E, FortiWiFi-61F, FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-AZURE, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-GCP, FortiGate-VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen, FortiGate-VMX, FortiGate-VMX-Service-Manager, FortiGate-VM64-IBM FortiOS VM: FortiOS-VM64, FortiOS-VM64-HV, FortiOS-VM64-KVM, FortiOS-VM64-Xen FortiGateRugged: FortiGateRugged-60F, FortiGateRugged-60F-3G4G	
FortiGate: FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-40F, FortiGate-40F-3G4G, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60E, FG-60E-DSL, FG-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-201E, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FG-400E, FG-400E-Bypass, FG-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-80C-DC, FortiGate-401E-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-800D-DC, FortiGate-1000C-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3240C-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-DC, FortiGate-3980E-DC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC FortiWiFi: FortiWiFi-30E, FortiWiFi-30E-3G4G-INTL, FortiWiFi-30E-3G4G-NAM, FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi-50E, FortiWiFi-50E-2R, FortiWiFi-51E, FortiWiFi-60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi-61E, FortiWiFi-61F, FortiWiFi-80F-2R, FortiWiFi-81F-2R, FortiWiFi-81F-2R-POE, FortiGate-VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen, FortiGate-VMX-Service-Manager FortiOS: FortiOS-VM64, FortiOS-VM64-HV, FortiOS-VM64-KVM, FortiOS-VM64-Xen	6.2

Model	Firmware Version
FortiGate Rugged: FortiGateRugged-30D, FortiGateRugged-35D, FortiGateRugged-60F, FortiGateRugged-60F-3G4G, FortiGateRugged-90D	
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60D, FortiGate-60D-POE, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-61E, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-200E, FortiGate-201E, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600C, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3400E, FortiGate-3401E, FortiGate-3600C, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-80C-DC, FG-401E-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-800D-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E, FortiGate-3600C-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-DC, FortiGate-3980E-DC FortiGate ACDC: FortiGate-3960E-ACDC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FortiWiFi-30D, FortiWiFi-30D-POE, FortiWiFi-30E, FortiWiFi-30E-3G4G-INTL, FortiWiFi-30E-3G4G-NAM, FortiWiFi-50E, FortiWiFi-50E-2R, FortiWiFi-51E, FortiWiFi-60D, FortiWiFi-60D-POE, FortiWiFi-60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-61E, FortiWiFi-80CM, FortiWiFi-81CM, FortiWiFi-90D, FortiWiFi-90D-POE, FortiWiFi-92D FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FOS VM: FortiOS-VM64, FortiOS-VM64-KVM, FortiOS-VM64-Xen FortiGate Rugged: FortiGateRugged-30D, FortiGateRugged-30D-ADSL-A, FortiGateRugged-35D, FortiGateRugged-60D, FortiGateRugged-90D	6.0

Model	Firmware Version
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60D, FortiGate-60D-POE, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-61E, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-200E, FortiGate-201E, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600C, FortiGate-600D, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3240C, FortiGate-3600C, FortiGate-3700D, FortiGate-3700DX, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-5001C FortiGate 5000 Series: FortiGate-5001C, FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-80C-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-800D-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3240C-DC, FortiGate-3600C-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3960E-DC FortiGate ACDC: FortiGate-3960E-ACDC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FortiWiFi-30D, FortiWiFi-30D-POE, FortiWiFi-30E, FortiWiFi-30E-3G4G-INTL, FortiWiFi-30E-3G4G-NAM, FortiWiFi-50E, FortiWiFi-50E-2R, FortiWiFi-51E, FortiWiFi-60D, FortiWiFi-60D-POE, FortiWiFi-60E, FortiWiFi-60E-DSL, FortiWiFi-61E, FortiWiFi-80CM, FortiWiFi-81CM, FortiWiFi-90D, FortiWiFi-90D-POE, FortiWiFi-92D FortiGate VM: FortiGate-VM64, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FOS VM: FortiOS-VM64, FortiOS-VM64-KVM, FortiOS-VM64-Xen FortiGate Rugged: FortiGateRugged-30D, FortiGateRugged-35D, FortiGateRugged-60D, FortiGateRugged-90D	5.6

Model	Firmware Version
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-50E, FortiGate-51E, FortiGate-60D, FortiGate-60D-POE, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-140D, FortiGate-140D-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-400D, FortiGate-500D, FortiGate-600C, FortiGate-600D, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3240C, FortiGate-3600C, FortiGate-3700D, FortiGate-3700DX, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D FortiGate 5000 Series: FortiGate-5001C, FortiGate-5001D FortiGate DC: FortiGate-80C-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-800D-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3240C-DC, FortiGate-3600C-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FortiWiFi-30D, FortiWiFi-30D-POE, FortiWiFi-30E, FortiWiFi-50E, FortiWiFi-51E, FortiWiFi-60D, FortiWiFi-60D-POE, FortiWiFi-61E, FortiWiFi-80CM, FortiWiFi-81CM, FortiWiFi-90D, FortiWiFi-90D-POE FortiGate VM: FortiGate-VM64, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FOS VM: FortiOS-VM64, FortiOS-VM64-KVM FortiGate Rugged: FortiGateRugged-60D, FortiGateRugged-90D	5.4

FortiGate special branch models

The following FortiGate models are released on special branches of FortiOS. FortiAnalyzer version 7.0.10 supports these models on the identified FortiOS version and build number.

For information about supported FortiGate models released with FortiOS firmware, see [FortiGate models on page 24](#).

FortiOS 7.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-80F-DSL	7.0.13	6865
FortiGate-90G FortiGate-91G	7.0.12	6708
FortiGate-120G	7.0.12	5334

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-121G		
FortiGate-900G FortiGate-901G	7.0.13	6854
FortiGate-1000F FortiGate-1001F	7.0.13	6852
FortiGate-3200F FortiGate-3201F	7.0.13	6853
FortiGate-3700F FortiGate-3701F	7.0.13	6874
FortiGate-4800F FortiGate-4800F-DC	7.0.13	6853
FortiGate-4801F FortiGate-4801F-DC	7.0.13	6847
FortiGate-6000F FortiGate-6001F FortiGate-6300F FortiGate-6300F-DC FortiGate-6301F FortiGate-6301F-DC FortiGate-6500F FortiGate-6500F-DC FortiGate-6501F FortiGate-6501F-DC	7.0.13	0184
FortiGate-7000E FortiGate-7030E FortiGate-7040E FortiGate-7060E FortiGate-7060E-8-DC	7.0.13	0184
FortiGate-7000F FortiGate-7081F FortiGate-7121F FortiGate-7121F-2 FortiGate-7121F-2-DC FortiGate-7121F-DC	7.0.13	0184
FortiGateRugged-70F FortiGateRugged-70F-3G4G	7.0.13	5387

FortiGate Model	FortiOS Version	FortiOS Build
FortiWiFi-80F-2R-3G4G-DSL	7.0.13	6865
FortiWiFi-81F-2R-3G4G-DSL		

FortiOS 6.4

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-400F	6.4.13	5455
FortiGate-401F		
FortiGate-600F	6.4.13	5455
FortiGate-601F		
FortiGate-3500F	6.4.6	5886
FortiGate-3501F	6.4.6	6132
FortiGate-6000F	6.4.13	1926
FortiGate-6300F		
FortiGate-6300F-DC		
FortiGate-6301F		
FortiGate-6301F-DC		
FortiGate-6500F		
FortiGate-6500F-DC		
FortiGate-6501F		
FortiGate-6501F-DC		
FortiGate-7000E	6.4.13	1926
FortiGate-7030E		
FortiGate-7040E		
FortiGate-7060E		
FortiGate-7060E-8-DC		
FortiGate-7000F	6.4.13	1926
FortiGate-7081F		
FortiGate-7121F		
FortiGate-7121F-2		
FortiGate-7121F-2-DC		
FortiGate-7121F-DC		
FortiWiFi-80F-2R	6.4.8	5033
FortiWiFi-81F-2R		
FortiWiFi-81F-2R-3G4G-POE		
FortiWiFi-81F-2R-POE		
FortiWiFi-80F-2R-3G4G-DSL		

FortiOS 6.2

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-80D	6.2.13	5238
FortiGate-200F, FortiGate-201F	6.2.13	7249
FortiGate-1800F, FortiGate-1800F-DC FortiGate-1801F, FortiGate-1801F-DC	6.2.9	7197
FortiGate-2600F, FortiGate-2600F-DC FortiGate-2601F, FortiGate-2601F-DC	6.2.9	7197
FortiGate-4200F, FortiGate-4200F-DC FortiGate-4201F, FortiGate-4201F-DC	6.2.9	7197
FortiGate-4400F, FortiGate-4400F-DC	6.2.9	7197
FortiGate-4401F, FortiGate-4401F-DC	6.2.9	7197
FortiGate-6000F FortiGate-6300F FortiGate-6300F-DC FortiGate-6301F FortiGate-6301F-DC FortiGate-6500F FortiGate-6500F-DC FortiGate-6501F FortiGate-6501F-DC	6.2.13	1271
FortiGate-7000E FortiGate-7030E FortiGate-7040E FortiGate-7060E FortiGate-7060E-8-DC	6.2.13	1271
FortiGate-7000F FortiGate-7081F FortiGate-7121F FortiGate-7121F-2 FortiGate-7121F-2-DC FortiGate-7121F-DC	6.2.13	1271
FortiWiFi-80F-2R-3G4G-DSL FortiWiFi-81F-2R-3G4G-DSL	6.2.6	7219
FortiWiFi-81F-2R-3G4G-POE	6.2.6	7099
FortiWiFi-81F-2R-3G4G-POE	6.2.6	7099

FortiOS 6.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-40F, FortiGate-40F-3G4G	6.0	Build 442 and special branch 6887
FortiGate-41F	6.0.6	6445
FortiGate-41F-3G4G	6.0.6	6674
FortiGate-60F, FortiGate-61F	6.0	Build 442 and special branch 6890
FortiGate-100F, FortiGate-101F	6.0	Build 442 and special branch 6890
FortiGate-1100E, FortiGate-1100E-DC, FortiGate-1101E	6.0	Build 442 and special branch 6886
FortiGate-1800F, FortiGate-1800F-DC, FortiGate-1801F, FortiGate-1801F-DC	6.0	Build 442 and special branch 6889
FortiGate-2200E, FortiGate-2201E, FortiGate-2201E-ACDC	6.0	Build 442 and special branch 6888
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	6.0.16	0417
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC	6.0.16	0417
FortiWiFi-40F, FortiWiFi-40F-3G4G	6.0	Build 442 and special branch 6887
FortiWiFi-41F, FortiWiFi-41F-3G4G	6.0.6	6674
FortiWiFi-60F, FortiWiFi-61F	6.0	Build 442 and special branch 6890

FortiOS 5.6

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-60E-DSL, FortiGate-60E-DSLJ	5.6.8	4211
FortiGate-5001E1	5.6	Build 1560 and special branch 7796
FortiGate-6000F FortiGate-7000E	5.6.12	4286

FortiGate Model	FortiOS Version	FortiOS Build
FortiOS-VM64-HV	5.6.4	4081
FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ	5.6.8	4211

FortiOS 5.4

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM	5.4	Build 1150 and special branch 6334
FortiGate-52E	5.4	Build 1150 and special branch 6337
FortiGate-60E	5.4	Build 1150 and special branch 6346
FortiGate-60E-DSL	5.4.5	6375
FortiGate-60E-POE	5.4.4	7625
FortiGate-61E	5.4	Build 1150 and special branch 6346
FortiGate-80E	5.4	Build 1150 and special branch 6346
FortiGate-80E-POE	5.4	Build 1150 and special branch 6348
FortiGate-81E, FortiGate-81E-POE	5.4	Build 1150 and special branch 6346
FortiGate-90E FortiGate 91E	5.4	Build 1150 and special branch 6343
FortiGate-100E, FortiGate-100EF	5.4	Build 1150 and special branch 6346
FortiGate-101E	5.4	Build 1150 and special branch 6352
FortiGate-140E, FortiGate-140E-POE	5.4	Build 1150 and special branch 6346
FortiGate-200E FortiGate-201E	5.4	Build 1150 and special branch 6342
FortiGate-300E FortiGate-301E	5.4	Build 1150 and special branch 4058
FortiGate-500E FortiGate-501E	5.4	Build 1150 and special branch 4058

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-2000E FortiGate 2500E	5.4	Build 1150 and special branch 6339
FortiGate-3960E FortiGate-3980E	5.4	Build 1150 and special branch 6350
FortiGate-5001E, FortiGate-5001E1	5.4	Build 1150 and special branch 6358
FortiGate-6000F	5.4.9	4271
FortiGate-7000E	5.4.9	8110
FortiGate-VM64-AZUREONDEMAND FortiGate-VM64-Azure	5.4.6	6399
FortiGateRugged-30D, FortiGateRugged-30D-ADSL-A FortiGateRugged-35D	5.4	Build 1150 and special branch 7674
FortiWiFi-30E-3G4G-INTL, FortiWiFi-30E-3G4G-NAM	5.4	Build 1150 and special branch 6334
FortiWiFi-50E-2R	5.4	Build 1150 and special branch 7676
FortiWiFi-60E	5.4	Build 1150 and special branch 6346
FortiWiFi-60E-DSL	5.4.5	6331
FortiWiFi-61E	5.4	Build 1150 and special branch 6346
FortiWiFi-92D	5.4	Build 1150 and special branch 7675

FortiCarrier models

Model	Firmware Version
FortiCarrier: FortiCarrier-2600F, FortiCarrier-2601F, FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1	7.0

Model	Firmware Version
FortiCarrier-DC: FortiCarrier-2600F-DC, FortiCarrier-2601F-DC, FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3001F-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4400F-DC, FortiCarrier-4400F-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen, FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI	
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4400F-DC, FortiCarrier-4400F-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.4
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier 6K and 7K: FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6301F, FortiCarrier-6500F, FortiCarrier-6501F, FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2 FortiCarrier 6K and 7K DC: FortiCarrier-6000F-DC, FortiCarrier-6300F-DC, FortiCarrier-6301F-DC, FortiCarrier-6500F-DC, FortiCarrier-6501F-DC, FortiCarrier-7060E-8-DC, FortiCarrier-7121F-DC, FortiCarrier-7121F-2-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.2

Model	Firmware Version
<p>FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E</p> <p>FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC</p> <p>FortiCarrier 5K, 6K, and 7K: FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1, FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6301F, FortiCarrier-6500F, FortiCarrier-6501F, FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2</p> <p>FortiCarrier 6K and 7K DC: FortiCarrier-6000F-DC, FortiCarrier-6300F-DC, FortiCarrier-6301F-DC, FortiCarrier-6500F-DC, FortiCarrier-6501F-DC, FortiCarrier-7060E-8-DC, FortiCarrier-7121F-DC, FortiCarrier-7121F-2-DC</p> <p>FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALL, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen</p>	6.0
<p>FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3240C, FortiCarrier-3600C, FortiCarrier-3600E, FortiCarrier-3700D, FortiCarrier-3700DX, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E</p> <p>FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3240C-DC, FortiCarrier-3600C-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC</p> <p>FortiCarrier 5K, 6K, and 7K: FortiCarrier-5001C, FortiCarrier-5001D, FortiCarrier-5001E</p> <p>FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-AWS, FortiCarrier-VM64-AWSONDEMAND, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen</p>	5.6
<p>FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3240C, FortiCarrier-3600C, FortiCarrier-3600E, FortiCarrier-3700D, FortiCarrier-3700DX, FortiCarrier-3800D, FortiCarrier-3800E, FortiCarrier-3810D, FortiCarrier-3815D</p> <p>FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3240C-DC, FortiCarrier-3600C-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3800E-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC</p> <p>FortiCarrier 5K, 6K, and 7K: FortiCarrier-5001C, FortiCarrier-5001D</p> <p>FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-AWS, FortiCarrier-VM64-AWSONDEMAND, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-Xen</p>	5.4

FortiADC models

Model	Firmware Version
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	6.2, 7.0
FortiADC: FortiADC-100F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	6.0, 6.1

FortiNDR models

Model	Firmware Version
FortiNDR: FAI-3500F FortiAI-VM: FAI-VM, FAI-KVM	1.5

FortiAnalyzer models

Model	Firmware Version
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.0
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000E, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-ALI-OnDemand, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWSOnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-GCP-OnDemand, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	6.4

Model	Firmware Version
FortiAnalyzer: FAZ-200D, FAZ-200F, FAZ-300D, FAZ-300F, FAZ-300G, FAZ-400E, FAZ-800F, FAZ-1000D, FAZ-1000E, FAZ-1000F, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F and FAZ-3900E.	6.2
FortiAnalyzer VM: FortiAnalyzer-DOCKED, FAZ-VM64, FAZ-VM64-Ali, FAZ-VM64-AWS, FAZ-VM64-AWS-OnDemand, FAZ-VM64-Azure, FAZ-VM64-GCP, FortiAnalyzer-VM64-GCP-OnDemand, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-OPC, and FAZ-VM64-XEN (Citrix XenServer and Open Source Xen).	

FortiAuthenticator models

Model	Firmware Version
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E	6.2, 6.3, 6.4
FortiAuthenticator VM: FAC-VM	

FortiCache models

Model	Firmware Version
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3000E, FCH-3900E	4.1, 4.2
FortiCache VM: FCH-KVM, FCH-VM64	
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E	4.0
FortiCache VM: FCH-VM64	

FortiDDoS models

Model	Firmware Version
FortiDDoS: FortiDDoS-2000F	6.3
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F	6.1, 6.2, 6.3
FortiDDoS VM: FortiDDoS-VM	

FortiDeceptor models

Model	Firmware Version
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.1
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.0
FortiDeceptor: FDC-1000F, FDC-3000D FortiDeceptor VM: FDC-VM	3.3

FortiFirewall models

Some of the following FortiFirewall models are released on special branches of FortiFirewall firmware. FortiAnalyzer version 7.0.10 supports these models on the identified FortiFirewall firmware version and build number.

Model	Firmware Version	Firmware Build
FortiFirewall: FortiFirewall-3001F	7.0	4955
FortiFirewall: FortiFirewall-3501F	7.0	4940
FortiFirewall: FortiFirewall-3980E FortiFirewall DC: FortiFirewall-3980E-DC	7.0	487
FortiFirewall VM: FortiFirewall-VM64	7.0	486
FortiFirewall: FortiFirewall-3980E, FortiFirewall-4200F, FortiFirewall-4400F FortiFirewall DC: FortiFirewall-3980E-DC, FortiFirewall-4200F-DC FortiFirewall VM: FortiFirewall-VM64, FortiFirewall-VM64-KVM	6.4	1999
FortiFirewall: FortiFirewall-4401F FortiFirewall DC: FortiFirewall-4401F-DC	6.4	5423
FortiFirewall: FortiFirewall-2600F FortiFirewall DC: FortiFirewall-2600F-DC	6.4	5423
FortiFirewall: FortiFirewall-1801F FortiFirewall DC: FortiFirewall-1801F-DC	6.4	5423
FortiFirewall: FortiFirewall-3980E FortiFirewall DC: FortiFirewall-3980E-DC	6.2	1262
FortiFirewall: FortiFirewall-4200F	6.2.7	5141

Model	Firmware Version	Firmware Build
FortiFirewall DC: FortiFirewall-4200F-DC		
FortiFirewall: FortiFirewall-4400F	6.2.7	5148

FortiFirewallCarrier models

The following FortiFirewallCarrier models are released on special branches of FortiFirewallCarrier firmware. FortiAnalyzer version 7.0.10 supports these models on the identified FortiFirewallCarrier firmware version and build number.

Model	Firmware Version	Firmware Build
FortiFirewallCarrier: FortiFirewallCarrier-3001F	7.0	4955
FortiFirewallCarrier: FortiFirewallCarrier-3501F	7.0	4940
FortiFirewallCarrier: FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F	6.4	1999
FortiFirewallCarrier-DC: FortiFirewallCarrier-4200F-DC		
FortiFirewallCarrier: FortiFirewallCarrier-4401F	6.4	5423
FortiFirewallCarrier: FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F	6.2.7	5148
FortiFirewallCarrier-DC: FortiFirewallCarrier-4200F-DC		

FortiMail models

Model	Firmware Version
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E	7.0
FortiMail VM: FML-VM	
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-3000D, FE-3000E, FE-3200E	6.2, 6.4
FortiMail VM: FML-VM	

FortiNAC models

Model	Firmware Version
FortiNAC: FortiNAC-500, FortiNAC-600, FortiNAC-700, FortiNAC-C-1000C, FortiNAC-C-2000C, FortiNAC-Manager-550	8.8, 9.1, 9.2
FortiNAC VM: FortiNAC-C-VM, FortiNAC-CA-VM, FortiNAC-M-VM	

FortiProxy models

Model	Firmware Version
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G FortiProxy VM: FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-VM64	7.0
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E FortiProxy VM: FortiProxy-KVM, FortiProxy-VM64	1.2, 2.0

FortiSandbox models

Model	Firmware Version
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D FortiSandbox DC: FSA-1000F-DC FortiSandbox-VM: FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	4.0, 4.2
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D FortiSandbox DC: FSA-1000F-DC FortiSandbox-VM: FortiSandbox-AWS, FSA-VM	3.1, 3.2

FortiSOAR models

Model	Firmware Version
FortiSOAR VM: FortiSOAR-VM	6.0, 6.4, 7.0

FortiSwitch ATCA models

Model	Firmware Version
FortiController: FTCL-5103B, FTCL-5903C, FTCL-5913C	5.2
FortiSwitch-ATCA: FS-5003A, FS-5003B FortiController: FTCL-5103B	5.0
FortiSwitch-ATCA: FS-5003A, FS-5003B	4.3

FortiWeb models

Model	Firmware Version
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-Docker, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer	6.4, 7.0
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-Docker, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer	6.3

Resolved Issues

The following issues have been fixed in FortiAnalyzer version 7.0.10. To inquire about a particular bug, please contact [Customer Service & Support](#).

Device Manager

Bug ID	Description
861979	FortiAnalyzer generates "Invalid user/password for Security Fabric device in Device manager" even though the password is correct.

FortiSOC

Bug ID	Description
685263 783407	Playbook failed to get software inventory from EMS server when site is enabled on EMS server.
783569	Automation Stitch Action "Ban IP" does not work on FortiGate because FortiAnalyzer did not send the srcip to FortiGate.

FortiView

Bug ID	Description
783408	When selecting 'IPSec VPN' login type under the 'Top Failed Authentication' tab, it displays No Results.
954773	<i>Top Threat Destinations</i> widget doesn't show expected data according to selected TOP Numbers.

Log View

Bug ID	Description
860990	In the <i>Log View</i> section, the log file's sorting function does not work, and the arrow icon is missing.

Others

Bug ID	Description
893699	Login failed for restapi request due to invalid user/password.
951791	Continuous crashes for the "fileparsed Application" on FortiAnalyzer HA have been observed.
952295	FortiAnalyzer does not remove the logs after forwarding them to the cloud storage.

Reports

Bug ID	Description
936084	No data is showed up in report when filter applied to chart in FortiMail ADOM.

Known Issues

The following issues have been identified in FortiAnalyzer version 7.0.10. To inquire about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

FortiSOC

Bug ID	Description
717841	IOC events and FortiGate Event Handler events are not being sent to FortiGate from FortiAnalyzer.

FortiView

Big ID	Description
768270	<i>Secure SD-WAN Monitor</i> shows "No Data" if only HA member having the SD-WAN logs.

Log View

Bug ID	Description
691552	FortiAnalyzer may be missing a double quote in direction log field.
761972	<i>Log View</i> with device name filter may not work.
771086	FortiAnalyzer displays Invalid log file format error message when importing log backup to FortiAnalyzer.

Reports

Bug ID	Description
896843	The "fgt-intf-stats-summary-rcvd/sent-bps" report does not include the interface from non-mgmt vdoms.

System Settings

Bug ID	Description
748107	Additional timestamp, tz field, is being added to forwarded logs from FortiAnalyzer.
758040	FortiAnalyzer may be unable to establish Log Forward session with remote server using encrypted forwarding.
934625	Adding devices to "Log-forward filter" creates duplicates of previously added devices.
953842	Log Forwarding does not filter logs based on the specific ADOMs.
964450	When configuring the Log Forwarding, Match criteria cannot be set to "Not Equal to".

Appendix A - Default and maximum number of ADOMs supported

This section identifies the supported number of ADOMs for FortiAnalyzer hardware models and virtual machines.

See also the [FortiAnalyzer Data Sheet](#).

Hardware models



For ADOM subscription licenses, FortiAnalyzer enforces the ADOM limits.

For hardware models that do not support the ADOM subscription license, ADOM limits are recommended, but not enforced.

FortiAnalyzer supports a default number of ADOMs based on hardware model.

Some hardware models support an ADOM subscription license. When you purchase an ADOM subscription license, you increase the number of supported ADOMs. For example, you can purchase an ADOM subscription license for the FAZ-3000G series, which allows you to use up to a maximum of 1200 ADOMs.

Other hardware models do not support the ADOM subscription license. For hardware models that do not support the ADOM subscription license, the default and maximum number of ADOMs is the same.

FortiAnalyzer Platform	Default number of ADOMs	ADOM license support?	Maximum number of ADOMs
Desktop models	1		1
150G Series	3		3
300F/300G and 400E Series	25		25
800F/800G and 1000F Series	50		50
2000E Series	250		250
3000F Series	500		500
3000G Series	500	✓	1200
3500F/3500G	500		500
3700F Series	1200		1200
3700G Series	1200	✓	10,000

Virtual Machines



For subscription licenses, FortiAnalyzer enforces the ADOM limits.
For perpetual licenses, ADOM limits are recommended, but not enforced.

FortiAnalyzer subscription license

Five (5) ADOMs are included with FortiAnalyzer VM subscription licenses. Additional ADOMs can be purchased with an ADOM subscription license.

FortiAnalyzer perpetual license

Recommended maximum number of ADOMs supported:

FortiAnalyzer Platform	Default number of ADOMs
1 GB/Day < License <= 5 GB/Day	10
5 GB/Day < License <= 25 GB/Day	25
25 GB/Day < License <= 100 GB/Day	50
100 GB/Day < License <= 500 GB/Day	250
500 GB/Day < License <= 1000 GB/Day	500
1000 GB/Day < License <= 5000 GB/Day	800
License > 5000 GB/Day	1200



FortiAnalyzer VM subscription and perpetual licenses are stackable.



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